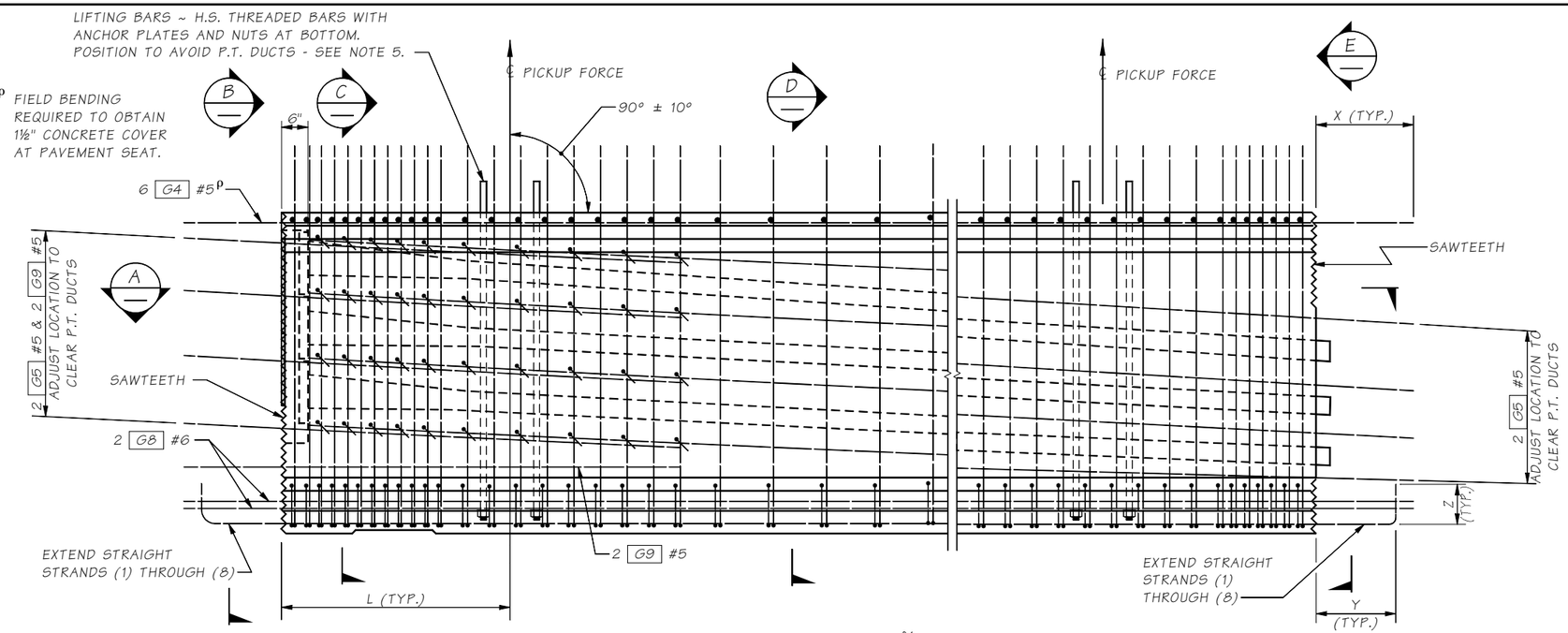
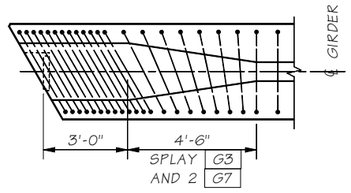


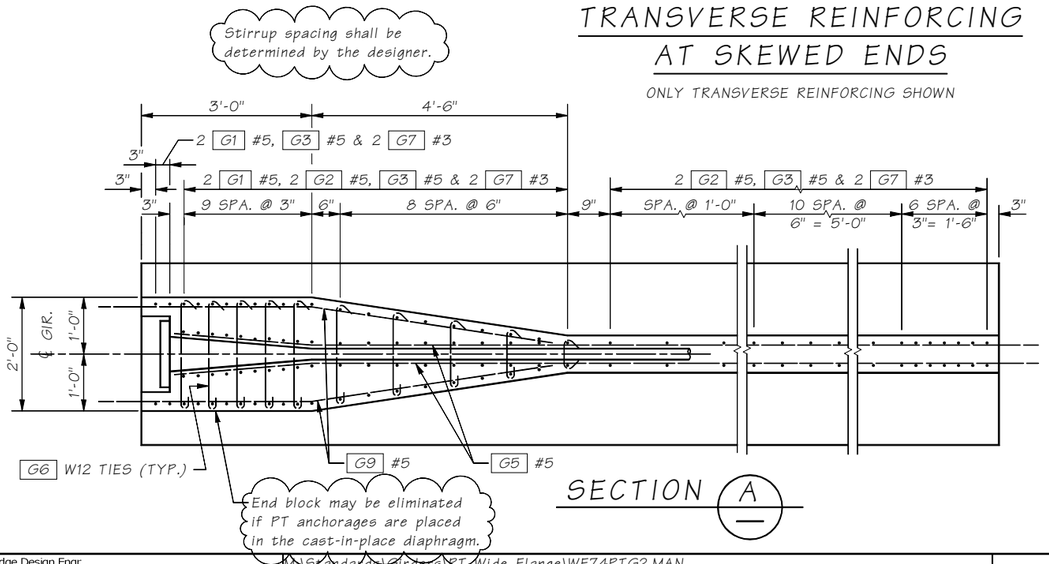

## TYPICAL ELEVATION AT END SEGMENT

END TYPE A SHOWN, OTHER END TYPES SIMILAR



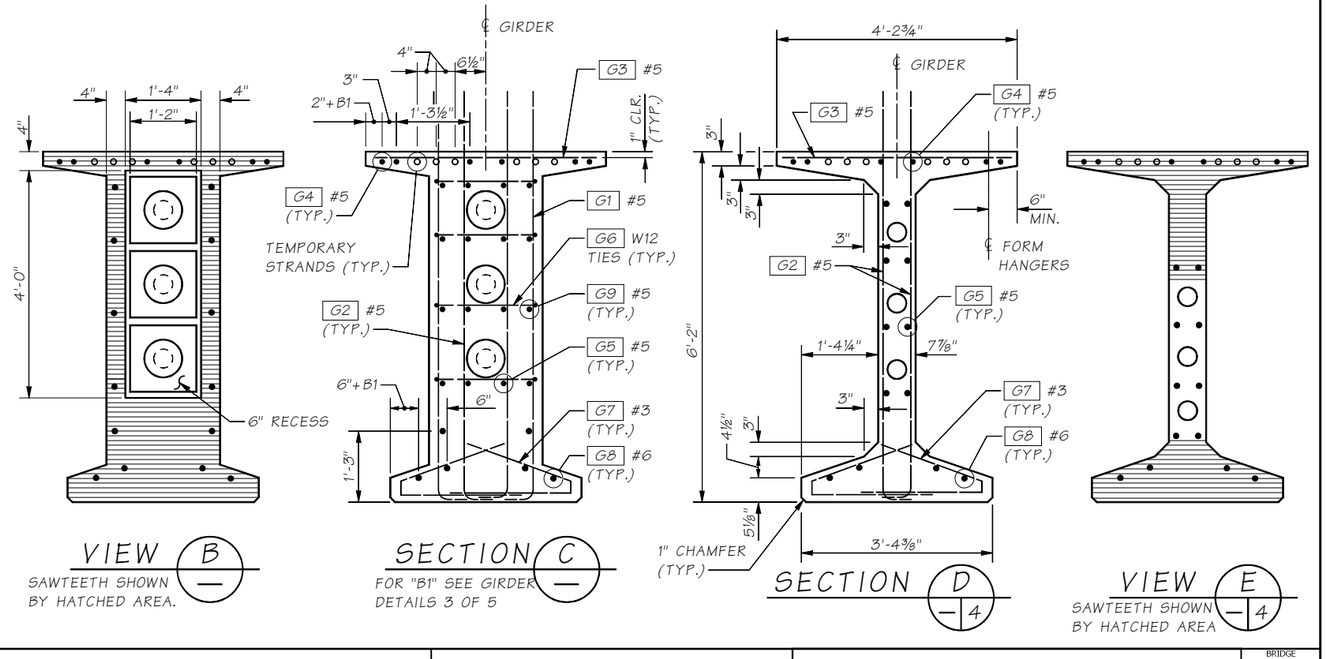

## TRANSVERSE REINFORCING AT SKEWED ENDS

ONLY TRANSVERSE REINFORCING SHOWN




## SECTION A

## TYPICAL END ELEVATION AT CLOSURE




## VIEW B

SAWTEETH SHOWN BY HATCHED AREA.

## SECTION C

FOR "B1" SEE GIRDER DETAILS 3 OF 5

## SECTION D

## VIEW E

SAWTEETH SHOWN BY HATCHED AREA

## PRE-TENSIONING NOTES

1. PLAN LENGTH SHALL BE INCREASED AS NECESSARY TO COMPENSATE FOR SHORTENING DUE TO PRESTRESS AND SHRINKAGE.
2. ALL PRETENSIONED AND TEMPORARY STRANDS SHALL BE [½"ø OR 0.6"ø] LOW RELAXATION STRANDS (AASHTO M203 GRADE 270.)
3. FOR END TYPES A, C, D AND E CUT ALL STRANDS FLUSH WITH THE GIRDER ENDS AND PAINT WITH AN APPROVED EPOXY RESIN, EXCEPT FOR EXTENDED STRANDS AS SHOWN. FOR END TYPE B CUT ALL STRANDS 1" BELOW CONCRETE SURFACE AND GROUT WITH AN APPROVED EPOXY GROUT.
4. THE TOP SURFACE OF THE GIRDER FLANGE SHALL BE ROUGHENED IN ACCORDANCE WITH SECTION 6-02.3(25)H OF THE STANDARD SPECIFICATIONS.
5. LIFTING EMBEDMENTS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 6-02.3(25)L OF THE STANDARD SPECIFICATIONS. CONTRACTOR TO DESIGN OTHER LIFTING MECHANISM IF THE GIRDER SECTION WEIGHT EXCEEDS 200 KIPS.
6. CAUTION SHALL BE EXERCISED IN HANDLING AND PLACING GIRDERS. ALL GIRDERS SHALL BE CHECKED BY THE CONTRACTOR TO ENSURE THAT THEY ARE BRACED ADEQUATELY TO PREVENT TIPPING AND TO CONTROL LATERAL BENDING DURING SHIPPING. ONCE ERECTED, ALL GIRDERS SHALL BE BRACED LATERALLY TO PREVENT TIPPING UNTIL THE DIAPHRAGMS ARE CAST AND CURED.
7. FORMS FOR BEARING PAD RECESSES SHALL BE CONSTRUCTED AND FASTENED IN SUCH A MANNER AS TO NOT CAUSE DAMAGE TO THE GIRDER DURING THE STRAND RELEASE OPERATION.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Bridge Design Engr. | M:\Standards\Girders\RT Wide Flange\WF74PTG2.MAN | | | | | | | | |
| Supervisor | | | | | | | | | |
| Designed By | | | | | | | | | |
| Checked By | | | | | | | | | |
| Detailed By | | | | | | | | | |
| Bridge Projects Engr. | | | | | | | | | |
| Prelim. Plan By | | | | | | | | | |
| Architect/Specialist | DATE | REVISION | BY | APP'D | | | | | |

| REGION NO. | STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| 10 | WASH. | | | |
| JOB NUMBER | | | | |

BRIDGE AND STRUCTURES OFFICE

Washington State Department of Transportation

STANDARD PRESTRESSED CONCRETE GIRDERS

WF74PTG SPLICED GIRDER DETAILS 2 OF 5

BRIDGE SHEET NO. — SHEET — OF — SHEETS

SR ____ JOB NO. ____ SHEET

5.9-A1-4

Tue Apr 29 13:46:51 2008